SIEMENS

Data sheet US2:26FUF92NH



Reversing motor starter, Size 2, Three phase full voltage, Solid-state overload relay, OLR amp range 13-52A, Combination type, 50A circuit breaker, Enclosure NEMA type 4/12, Water/dust tight for outdoors

Figure similar

design of the product special product feature General technical data Height x Width x Depth [in] touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] oldring storage oldring operation ambient temperature oldring operation during operation Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value oldride at 460/480 V rated value at 575/600 V rated value oldring contactor size of contactor size of contactor number of NO contacts for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 420 × 8 in NA for enclosed products 6560 ft 24 × 20 × 8 in NA for enclosed products 6560 ft 24 · · · +104 °F - 22 · · · +149 °F - 4 · · · +104 °F - 23 · · · · +65 °C - 20 · · · · +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor 10 hp 11 hp 12 × 20 × 8 in NA for enclosed products 6560 ft 6560 ft 12 × 149 °F - 22 · · · · +149 °F - 22 · · · · · +149 °F - 23 · · · · · +65 °C - 20 · · · · · +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor 10 hp 11 hp 12 × 20 × 8 in NA for enclosed products 6560 ft 13 × · · · · · · · · · · · · · · · · · ·		Class 18 & 26
Seneral technical data Height x Width x Depth [in] 24 × 20 × 8 in	and side and set for the set	Full-voltage reversing motor starter with motor circuit protector
Height x Width x Depth [in] touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation ambient temperature • during storage • during operation -30 +65 °C • during operation -20 +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value 25 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A	special product feature	ESP200 overload relay
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation	General technical data	
installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation -4 +104 °F ambient temperature • during storage • during operation -30 +65 °C • during operation -20 +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A	Height x Width x Depth [in]	24 × 20 × 8 in
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ambient temperature • during storage • during operation -20 +65 °C • during operation -20 +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value 25 hp Contactor size of contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A	during storage	-22 +149 °F
 during storage during operation during operation during operation 20 +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 5 hp at 575/600 V rated value 25 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A 	during operation	-4 +104 °F
 during operation -20 +40 °C Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 25 hp at 575/600 V rated value 25 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A 	ambient temperature	
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yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value 25 hp • at 575/600 V rated value Size of contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A	 during operation 	-20 +40 °C
motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value 25 hp • at 575/600 V rated value 25 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A	Horsepower ratings	
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 at 460/480 V rated value at 575/600 V rated value 25 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A 		·
at 575/600 V rated value Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 25 hp NEMA controller size 2 3 600 V 45 A		·
Size of contactor Size of contactor NEMA controller size 2 3 Operating voltage for main current circuit at AC at 60 Hz maximum Operational current at AC at 600 V rated value 45 A		·
size of contactor NEMA controller size 2 number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value NEMA controller size 2 600 V		25 hp
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 45 A		
maximum operational current at AC at 600 V rated value 45 A	number of NO contacts for main contacts	3
·		600 V
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	operational current at AC at 600 V rated value	45 A
mechanical service life (switching cycles) of the main 10000000 contacts typical	mechanical service life (switching cycles) of the main contacts typical	10000000
Auxiliary contact		
number of NC contacts at contactor for auxiliary contacts 2	Auxiliary contact	2
number of NO contacts at contactor for auxiliary contacts 2		2
number of total auxiliary contacts maximum 7	number of NC contacts at contactor for auxiliary contacts	
contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600)	number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts	2
Coil	number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according	2 7
type of voltage of the control supply voltage AC	number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL	2 7
control supply voltage	number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil	2 7 10A@600VAC (A600), 5A@600VDC (P600)
• at AC at 50 Hz rated value 380 440 V	number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage	2 7 10A@600VAC (A600), 5A@600VDC (P600)
• at AC at 60 Hz rated value 440 480 V	number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage control supply voltage	2 7 10A@600VAC (A600), 5A@600VDC (P600) AC

holding nower at AC minimum	8.6 W
holding power at AC minimum apparent pick-up power of magnet coil at AC	218 VA
apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC	25 VA
operating range factor control supply voltage rated value of magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	50 %
ON-delay time	19 29 ms
OFF-delay time	10 24 ms
Overload relay	
product function	
overload protection	Yes
phase failure detection	Yes
asymmetry detection	Yes
ground fault detection	Yes
test function	Yes
external reset	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current-	13 52 A
dependent overload release make time with automatic start after power failure	3 s
maximum	
relative repeat accuracy	1 %
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	1 A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
 with single-phase operation at AC rated value 	600 V
with multi-phase operation at AC rated value	300 V
Enclosure	
degree of protection NEMA rating	4, 12
design of the housing	dustproof, waterproof & weatherproof
Circuit Breaker	
type of the motor protection	Motor circuit protector (magnetic trip only)
operational current of motor circuit breaker rated value	50 A
adjustable current response value current of	180 600 A
instantaneous short-circuit trip unit	
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Box lug
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	1x (10 AWG 1/0 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Box lug
tightening torque [lbf·in] for load-side outgoing feeder	45 45 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	1x (14 2 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	AL or CU
type of electrical connection of magnet coil	Screw-type terminals

tightening torque [lbf·in] at magnet coil	5 12 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
type of electrical connection for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi-stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Short-circuit current rating	
design of the short-circuit trip	Instantaneous trip circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	100 kA
• at 480 V	100 kA
• at 600 V	25 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:26FUF92NH

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:26FUF92NH

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:26FUF92NH&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:26FUF92NH/certificate

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